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PATENT AND TRADEMARK OFFICE

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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APPLICANT  
Toshinao ARAI et al.

FILING DATE  
September 9, 2003

GROUP  
1762



**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
12	AI	A 10-45917	02/98	JP	—	—	with partial English transla- tion and abstract
12	AJ	A 2001- 294667	10/01	JP	—	—	with partial English transla- tion and abstract
	AK						
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

	AT	
	AU	
	AV	
	AX	
	AY	

EXAMINER

*12 Dec 03*

DATE CONSIDERED

*6/05*